DIAGRAM A Focus & Radial Servo

8005161 - 7

○ Refers to page 1-4

HF DROP OUT DETECTOR

FOCUS SERVO

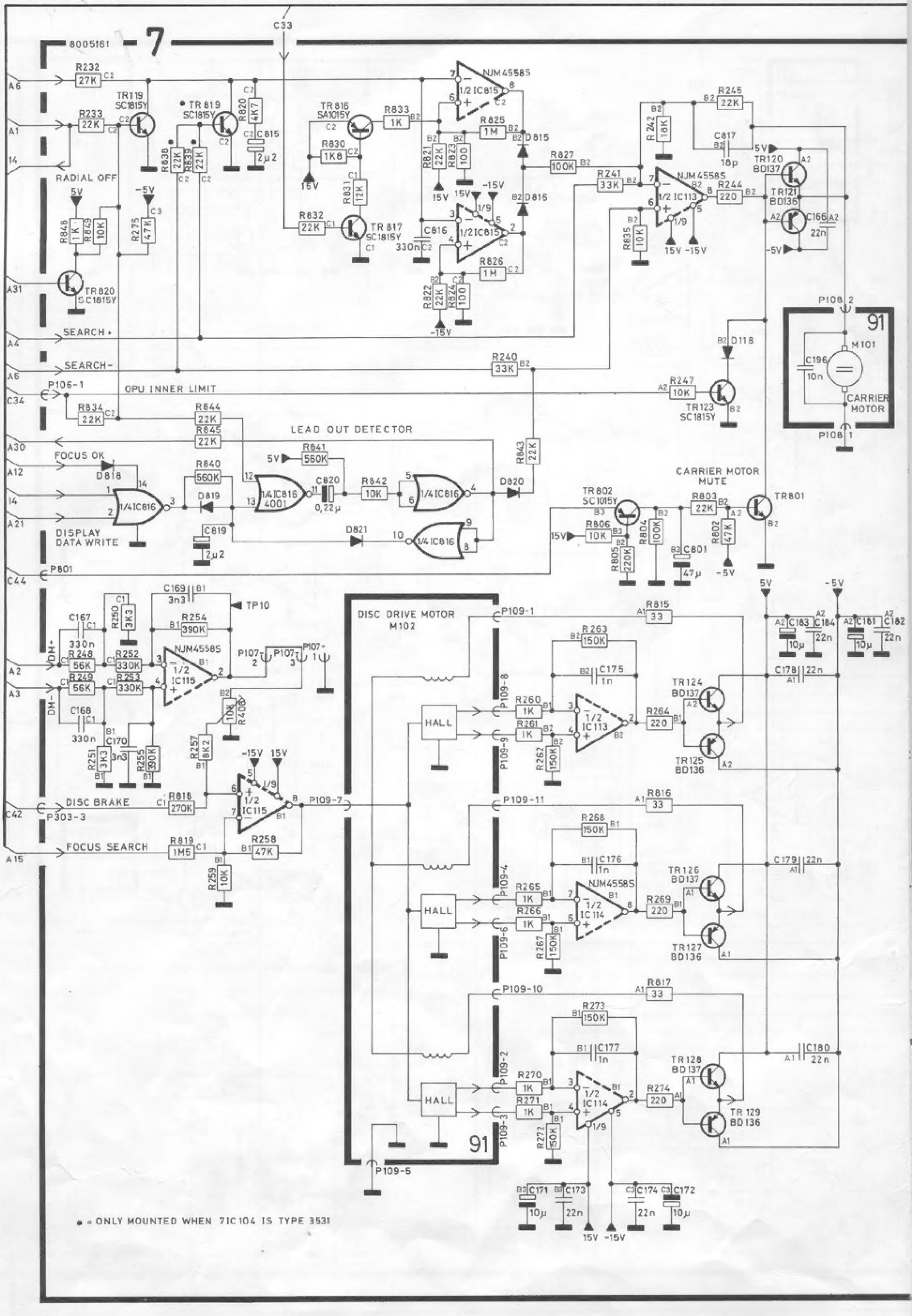
RADIAL SERVO

RADIAL ± BRAKE

• = ONLY MOUNTED WHEN 7IC104 IS TYPE 3531

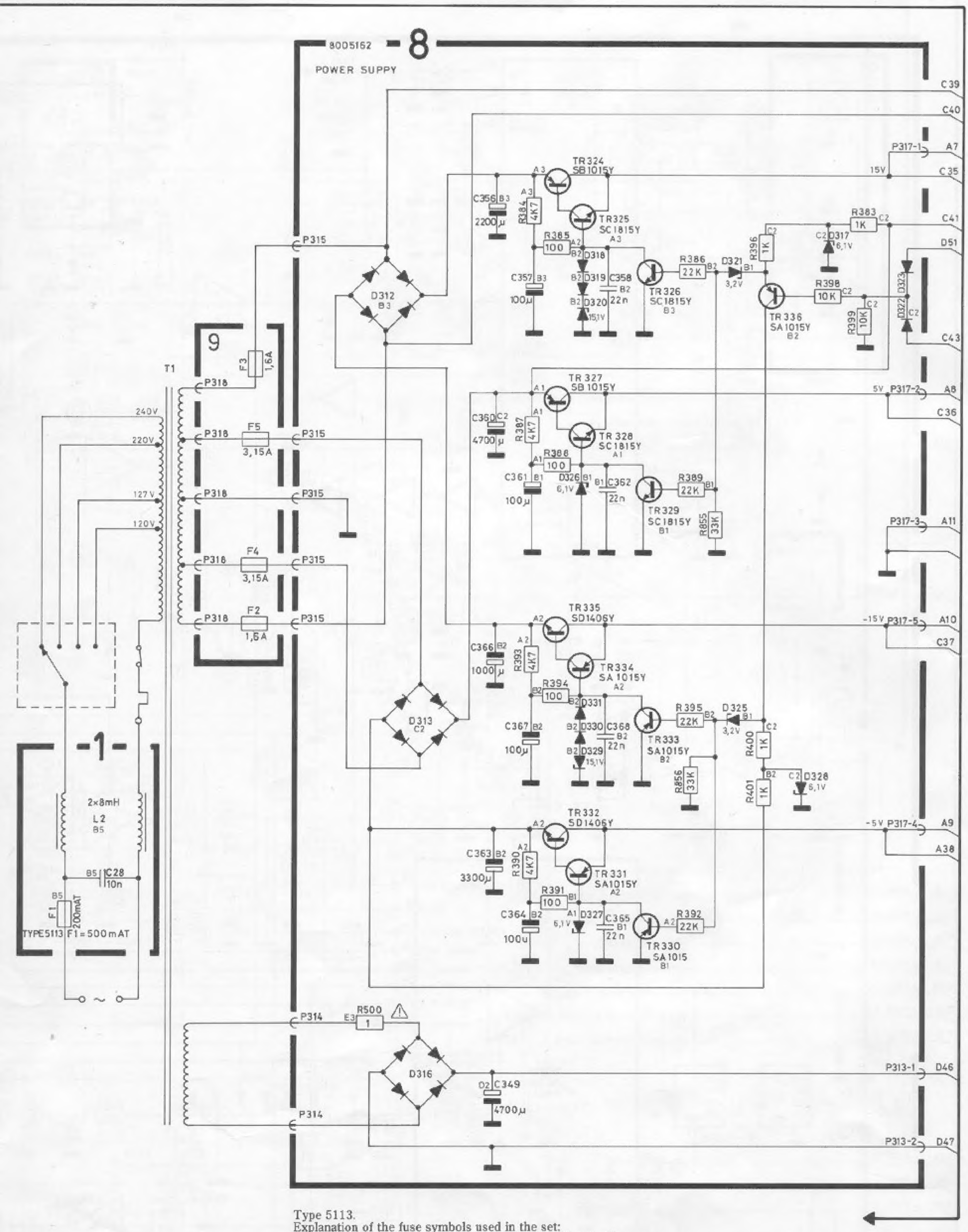
1-8

DIAGRAM B Carrier, Motor, Disc Motor Drive, Power Supply



• = ONLY MOUNTED WHEN 71C104 IS TYPE 3531

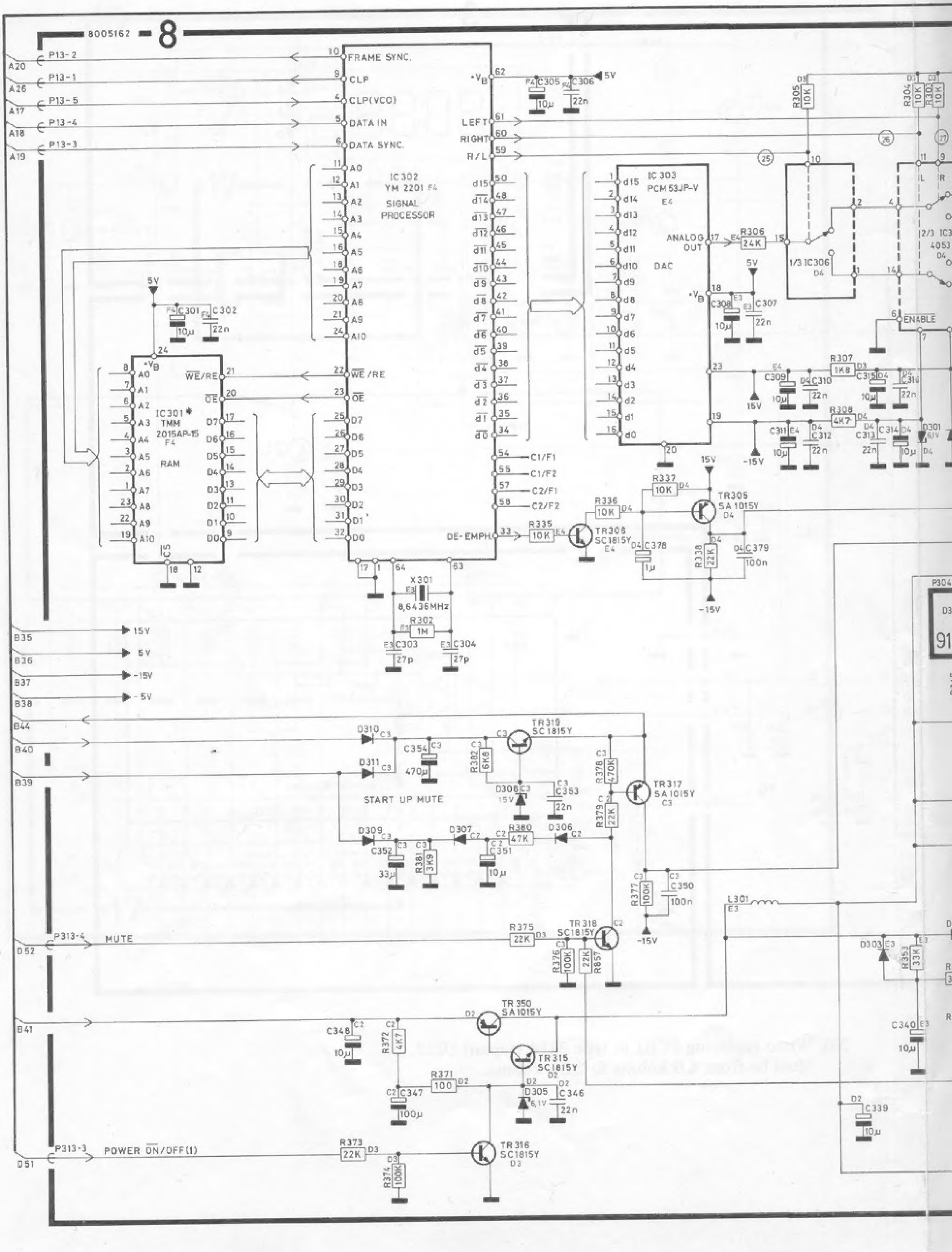
Bang & Olufsen

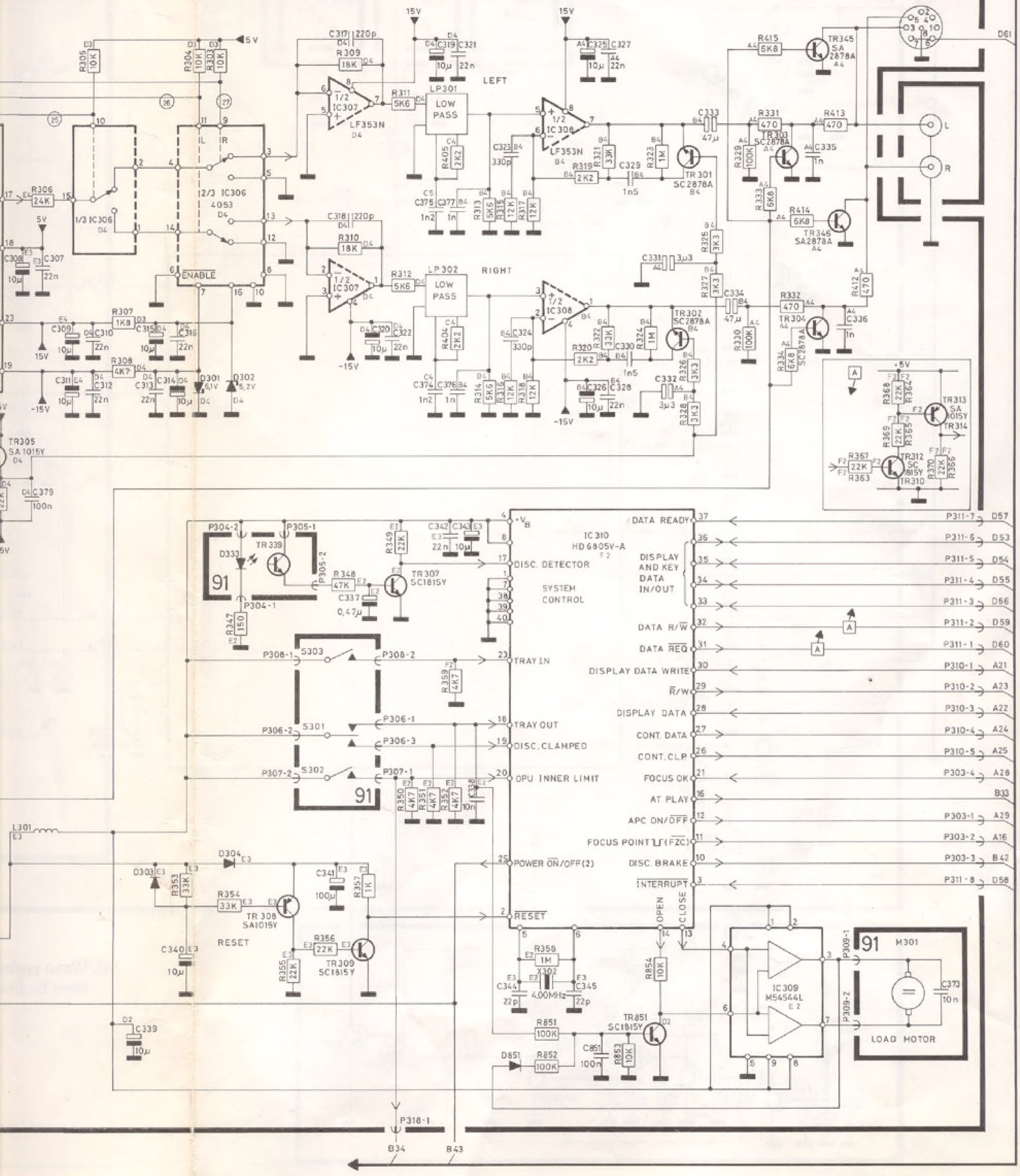


Type 5113.
Explanation of the fuse symbols used in the set:
Explanation de symboles du fusible utilisés dans l'appareil:

T 1.6 A 250V	Replace with same tyep 1.6 ampere 250 volts slow acting fuse. Remplacer par un fusible de meme type retardé et de 1,6 ampere 250 volts.
T 3.15 A 250V	Replace with same type 3.15 ampere 250 volts slow acting fuse. Remplacer par un fusible de meme type retardé et de 3,15 ampere 250 volts.
T500mA 250V	Replace with same type 500 milliamperes 250 volts slow acting fuse Remplacer par un fusible de meme type retardé et de 500 milliamperes 250 volts.

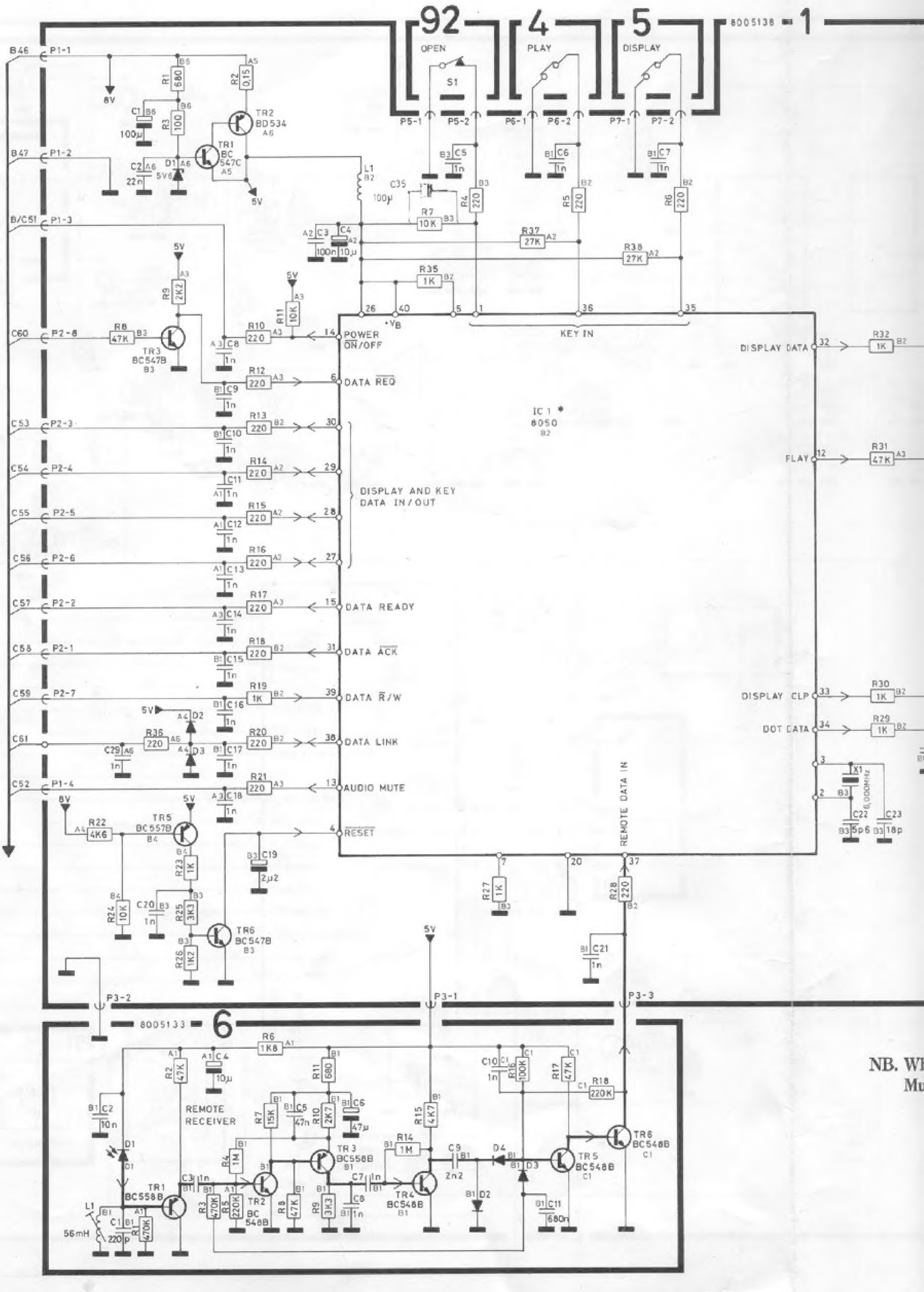
DIAGRAM C Decoder, System Control




5V
15V
-15V
R305 10K
R304 10K
R303 10K
C317 220p
R309 18K
C319 C321
10µ 22n
LP301
LOW PASS
R311 5K6
1/2 IC307
LF353N
LEFT
C325 C327
10µ 22n
1/2 IC308
LF353N
C333 47µ
R331 470
R413 470
TR345 SA 2878A
TR303 SC2878A
R329 100K
C335 1n
R333 6K8
R414 6K8
TR346 SA2878A
R415 6K8
R412 470
DG1
L
R
R306 24K
2/3 IC306 4053
1/3 IC306
ENABLE
C318 220p
R310 18K
LP302
LOW PASS
R312 5K6
1/2 IC307
RIGHT
1/2 IC308
C323 330p
R319 2K2
R321 33K
C329 1n5
R323 1M
TR301 SC2878A
R325 3K3
C331 3µ3
R327 3K3
C334 47µ
R332 470
TR304 SC2878A
R334 6K8
R330 100K
C336 1n
C324 330p
R320 2K2
R322 33K
C330 1n5
R324 1M
TR302 SC2878A
R326 3K3
C332 3µ3
R328 3K3
C326 C328
10µ 22n
R405 2K2
R404 2K2
C375 C377 1n2 1n
R313 5K6
R315 12K
R317 12K
R314 5K6
R316 12K
R318 12K
C374 C376 1n2 1n
C307 22n
C308 10µ
R307 1K8
C309 C310 C315 C316 10µ 22n
R308 4K7
C311 C312 C313 C314 10µ 22n
D301 6,1V
D302 6,2V
C320 C322 10µ 22n
TR305 SA 1015Y
C379 100n
R368 22K R364
R369 22K R365
TR313 SA 1015Y TR314
R367 22K R363
TR312 SC 1815Y TR310
R370 22K R366
A
+5V
P304-2
P305-1
TR 339
D333
P305-2
91
P304-1
R347 150
R348 47K
C337 0,47µ
TR307 SC1815Y
R349 22K
C342 C343 22n 10µ
IC 310
HD 6805V-A
F2
+V8
DISC. DETECTOR
SYSTEM CONTROL
TRAY IN
TRAY OUT
DISC. CLAMPED
OPU INNER LIMIT
P308-1
S303
P308-2
R359 4K7
P306-1
P306-2
S301
P306-3
P307-2
S302
P307-1
R350 4K7
R351 4K7
R352 4K7
C338 10n
DATA READY
DISPLAY AND KEY DATA IN/OUT
DATA R/W
DATA REQ
DISPLAY DATA WRITE
R/W
DISPLAY DATA
CONT. DATA
CONT. CLP
FOCUS OK
AT PLAY
APC ON/OFF
FOCUS POINT (FZC)
DISC. BRAKE
INTERRUPT
P311-7 D57
P311-6 D53
P311-5 D54
P311-4 D55
P311-3 D56
P311-2 D59
P311-1 D60
P310-1 A21
P310-2 A23
P310-3 A22
P310-4 A24
P310-5 A25
P303-4 A28
B33
P303-1 A29
P303-2 A16
P303-3 B42
P311-8 D58
L301
D304
D303
R353 33K
R354 33K
TR 308 SA1015Y
RESET
C340 10µ
C341 100n
R357 1K
R356 22K
R355 22K
TR309 SC1815Y
POWER ON/OFF(2)
RESET
OPEN
CLOSE
R358 1M
X302 4,00MHz
C344 22p
C345 22p
R854 10K
TR851 SC1815Y
R851 100K
R852 100K
D851
C851 100n
R853 10K
IC 309 M54544L
E2
M301
LOAD MOTOR
C373 10n
P309-1
P309-2
C339 10µ
D2
P318-1
B34
B43

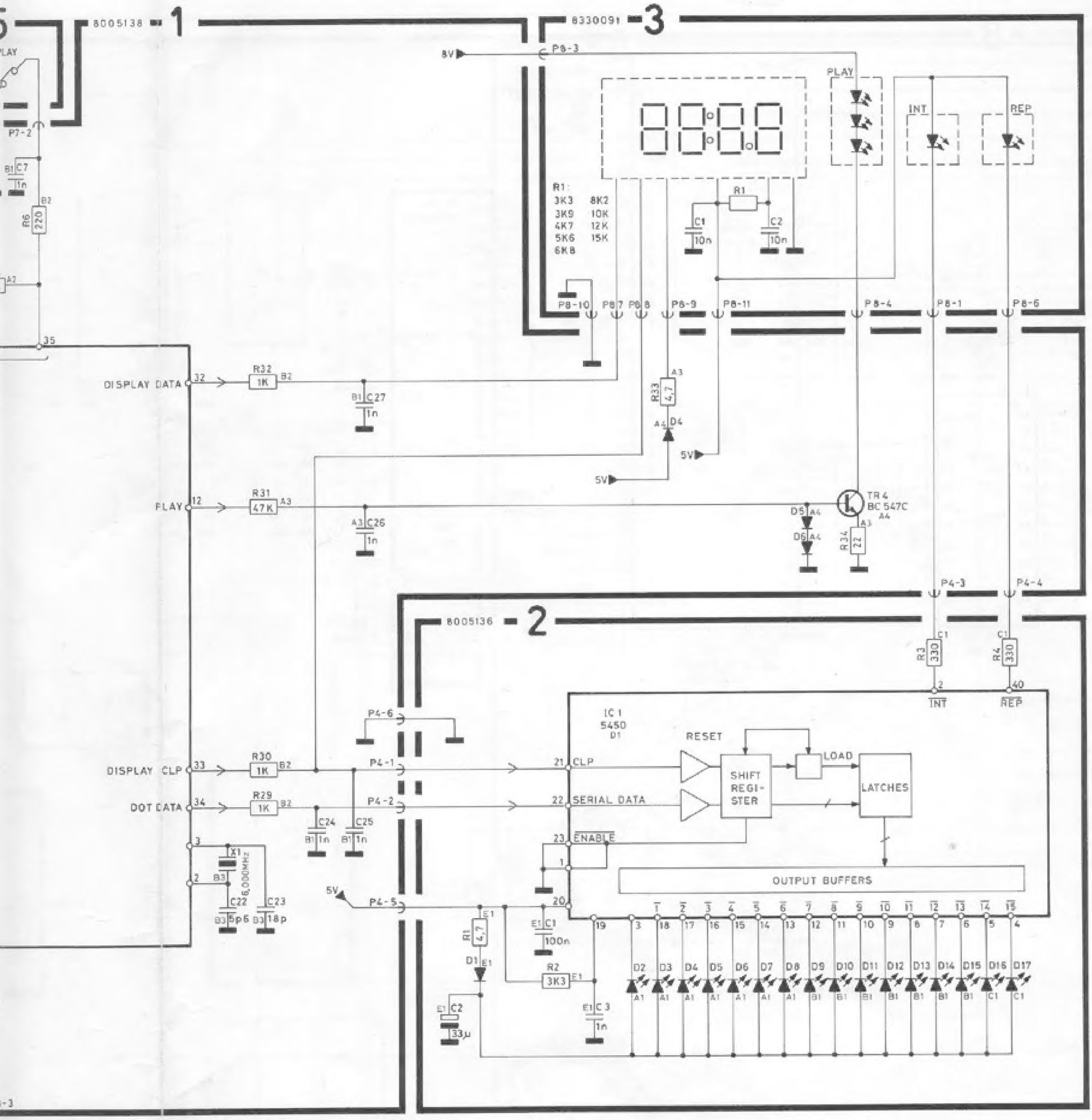
1-10
1-10

DIAGRAM D Display and Key Control



NB. WI
Mu

Bang&Olufsen



NB. When replacing PCB1 in type 5114 (Japan) 1R22.
Must be from 4.6 kohms to 2.55 kohms.

DIAGRAM E Remote transmitter, keyboard